INORGANIC DATA VALIDATION REPORT

To: EPA Region 9

Validated by: Diane Quigley, Weston Solutions, Inc.

Report Date: August 12, 2015

Project/Site: Gold King Mine Emergency Response

Laboratory No: 680-115432-1 & 680-115432-2

This memo presents the inorganic data validation report for the data obtained during the field activities for the above referenced work assignment. The purpose of this review is to provide a Stage 2A validation of the following samples collected on August 9, 2015 and analyzed by TestAmerica Laboratories, Inc. located in Savannah, GA:

Field Sample Numbers	Laboratory ID	Analyses/Methods
SJBB-080915-11	680-115432-1	TAL Metals plus Mo by EPA 200.7 and
SJMH-080915-11	680-115432-2	200.8
SJMC-080915-11	680-115432-3	Mercury by EPA 245.1
SJDS-080915-11	680-115432-4	Hardness (calculation) by SM2340B
SJSR-080915-11	680-115432-5	TSS by SM2540D
SJ4C-080915-11	680-115432-6	TDS by SM2540C
SFPH-080915-11	680-115432-7	Alkalinity by SM2320B
SJHB-080915-11	680-115432-8	pH by SM4500H+B
SJLP-080915-11	680-115432-9	
MECT-080915-11	680-115432-10	
SJME-080915-11	680-115432-11	
SJME-080915-12	680-115432-12	

Mo = Molybdenum

SM = Standard Methods for the Evaluation of Water & Wastewater

TAL = Target Analyte List

TDS = Total Dissolved Solids

TSS = Total Suspended Solids

Data validation was conducted in accordance with the EPA National Functional Guidelines for Inorganic Superfund Analyses (NFG), August 2014; Test Methods for Evaluating Solid Wastes, SW-846, 3rd Edition and Updates; and appropriate EPA methods.

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Stage 2A validation was performed on the sample results. The data were evaluated based on the following parameters:

- * Data Completeness
 Holding Times, Sample Preservation and Receipt
- * Laboratory Blanks
- NA Field Blanks
 - Matrix Spike/Matrix Spike Duplicates
- * Laboratory Duplicate Samples
- * Laboratory Control Samples (Blank Spikes)
- * Total vs. Dissolved Metals Results Evaluation Field Duplicates Sample Dilutions and Detection Limits
- All criteria were met for this parameter
- NA Not applicable

Data Completeness

The Level 2 data package was complete and included a case narrative, sample results, batch quality control (QC) results, QC association summary, Chain-of-Custody forms, and a sample receipt condition form. Raw data is not required for a Level 2 data package.

Holding Times, Sample Preservation and Receipt

Surface water samples were analyzed for pH 2 days after sampling. Results for pH were flagged by the lab with an "HF" which indicates the samples were analyzed out of the 15 minute field holding time. The pH results for water samples were estimated (J) since they were analyzed past the recommended holding time. All other holding times were met

The samples were received within the recommended ≤6 degrees Celsius NFG QC limit. No shipping or receiving problems were noted.

Laboratory Blanks

The method blanks (MB) were analyzed at the required frequency. No contaminants were found in these blanks with the following exception:

The ICP-AES total metals MB 680-395507/1-A was contaminated with selenium at a concentration \geq method detection limit (MDL) and \leq reporting limit (RL). Sample data was qualified in the following samples due to method blank contamination:

Total selenium was reported as non-detected (U) at the RL for the following samples since the selenium results were \geq MDL and \leq RL: 680-115432-9 through -12

Field Blanks

No field blanks were submitted with these samples.

Matrix Spike/Matrix Spike Duplicates

Matrix spike/matrix spike duplicate (MS/MSD) analyses were performed (on sample SJBB-080915-11) for all analyses except alkalinity, TSS, and TDS. No MS/MSDs were analyzed for hardness. An MS and MSD were also performed for total and dissolved mercury on sample SJLP-080915-11.

Spike recoveries met the 75-125 percent recovery (%R) metals criteria and the 20 Relative Percent Difference (RPD) criteria from the NFG except for the following:

- Several total analyte spike recoveries (aluminum, barium, calcium, iron, manganese, magnesium, potassium, and sodium) for sample SJBB-080915-11 and SJLP-080915-11 were outside QC limits in the MS and MSD. Since the laboratory qualified these results with a "4" indicating the parent sample concentrations were greater than four times the spiked amount, no qualifications are necessary. Antimony (16/17%), molybdenum (57/55%) and zinc (-/67%) were recovered below QC limits in sample SJBB-080915-11 (associated samples 680-115432-1 through -8). The positive results for antimony, molybdenum and zinc were estimated (J-) in associated samples associated samples 680-115432-1 through -8 due to potential low bias; the quantitation limits for non-detected results were flagged "UJ" as estimated. Antimony (37/39%) and zinc (-/65%) recovered below QC limits in sample SJLP-080915-11 (assoc. samples 690-115432-9 through -12). The positive results for total antimony and zinc were estimated (J-) in associated samples 690-115432-9 through -12 due to potential low bias.
- Dissolved calcium, magnesium, and sodium were outside QC limits in the MS and MSD for sample SJBB-080915-11. Since the laboratory qualified these results with a "4" indicating the parent sample concentrations were greater than four times the spiked amount, no qualifications are necessary.

Laboratory Duplicate Samples

Total metals and alkalinity laboratory duplicate analyses were performed on surface water samples SJBB-080915-11 and SJLP-080915-11. A total alkalinity laboratory duplicate was also performed on sample SJ4C-080915-11. A TSS duplicate was performed on sample MECT-080915-11. A TDS lab duplicate was performed on samples SJBB-080915-11 and SJME-080915-11.

Duplicate precision criteria were met for laboratory duplicate sample results greater than five times the RL. RPDs were less than 20% for aqueous samples. For sample results less than five times the RL, the absolute difference between the laboratory duplicate and the original sample was less than the RL. Barium (RPD 28) did exceed the RPD criteria of 20 in total laboratory duplicate SJLP-080915-11. Professional judgment was used in not qualifying data due to the high barium concentration.

Laboratory Control Samples (Blank Spikes)

At least one laboratory control sample (LCS) analysis was analyzed per QC batch and, for some analyses, a duplicate LCS (LCSD) was also analyzed. All LCS analyte recoveries were within 70-130%R NFG control limit for metals and mercury and within the 20% RPD NFG control limit for metals and mercury. Recoveries were within the lab control limits for wet chemistry parameters.

Total vs. Dissolved Metals Results Evaluation

Total Metals results were greater than the Dissolved Metals results and/or within the 10 percent difference (%D) QC limits for all metals analytes except for the following:

Sample ID	Analyte	Total Conc.	Dissolved Conc.	%D	Qualifier
	Mo	1.7 μg/L	2.4 μg/L	41%	J
SJM H-080915-11					
SJSR-080915-11	Mo	1.3µg/L	1.5 μg/L	15%	J
SJHB-080915-11	Mo	1.1 μg/L	1.5 μg/L	36 %	J
SJME-080915-11	Mo	1.7 μg/L	2.1 μg/L	23 %	J
SJME-080915-12	Mo	1.4 μg/L	2.1 μg/L	43 %	J

Sample results were qualified as indicated above.

Field Duplicates

Samples SJME-080915-11 and SJME-080915-12 are field duplicates and all calculated %RPDs were less than 30% with the following exceptions: dissolved aluminum (56%) and dissolved iron (54%). These two analytes were estimated (J) in samples SJME-080915-11 and SJME-080915-12; direction of bias uncertain.

Sample Dilution and Detection Limits

The laboratory correctly "J" flagged results less than the reporting limits. The data validator retained the J qualifier unless the analyte was qualified as non-detected for blank contamination.

Sample SJMH-080915-11 was diluted 10 fold for total potassium. Total metals sample SJBB-080915-11, SJMC-080915-11, SJDS-080915-11, SJSR-080915-11, SJ4C-080915-11, SJFP-080915-11, and SJHB-080915-11 were diluted two fold for cadmium, SJMH-080915-11 was diluted five fold for barium, cadmium and nickel.

Raw data were not provided or evaluated for this Level 2 package to verify results and analytical dilution.

DATA QUALIFIER DEFINITIONS

For the purpose of Data Validation, the following code letters and associated definitions are provided for use by the data validator to summarize the data quality.

- R Reported value is "rejected." Resampling or reanalysis may be necessary to verify the presence or absence of the compound.
- J The associated numerical value is an estimated quantity because the Quality Control criteria were not met.
- J+ The associated numerical value is estimated with a high bias because the Quality Control criteria were not met.
- J- The associated numerical value is estimated with a low bias because the Quality Control criteria were not met.
- UJ The reported quantitation limit is estimated because Quality Control criteria were not met. Element or compound was not detected.
- The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
- NR Result was not used from a particular sample analysis. This typically occurs
 when more than one result for an element is reported due to dilutions and
 reanalyses.

ATTACHMENT RESULTS SUMMARY SHEETS WITH QUALIFIERS

Client: Weston Solutions, Inc.

Date Collected: 08/09/15 18:25

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJBB-080915-11

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-1

Matrix: Water

Method: 200.7 Rev 4.4	- Metals (ICP)							
Analyte	Result C	Qualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	53000	200	24	ug/L	yayladi,jaaldyaad Hawine	08/11/15 12:52	08/11/15 21:45	
Calcium	130000	500	25	ug/L		08/11/15 12:52	08/11/15 21:45	
Iron	43000	50	17	ug/L		08/11/15 12:52	08/11/15 21:45	
Magnesium	26000	500	33	ug/L		08/11/15 12:52	08/11/15 21:45	
Potassium	13000	1000	17	ug/L		08/11/15 12:52	08/11/15 21:45	
Sodium	35000	1000	480	ug/L		08/11/15 12:52	08/11/15 21:45	

Method: 200.7 Rev 4.4 - Me Analyte	• •	SOIVEG Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/11/15 12:52	08/11/15 20:26	1
Calcium, Dissolved	57000		500	25	ug/L		08/11/15 12:52	08/11/15 20:26	1
Iron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 20:26	1
Potassium, Dissolved	3400		1000	17	ug/L		08/11/15 12:52	08/11/15 20:26	1
Magnesium, Dissolved	8000		500	33	ug/L		08/11/15 12:52	08/11/15 20:26	1
Sodium, Dissolved	31000		1000	480	ug/L		08/11/15 12:52	08/11/15 20:26	1

Method: 2340B-2011 - Total	l Hardness (as	CaCO3) b	y calculati	on					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	430	****	3.3	3.3	mg/L		***************************************	08/11/15 21:45	1

	Method: 245.1 - Mercury (CVA	.A)								
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Mercury	0.080	Ū	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 20:36	1

Method: 245.1 - Mercury (CVA	A) - Dissolv	red .							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 19:56	1

General Chemistry Analyte pH	Result Qualifier 8.10 HF J	NONE	NONE	Unit SU	<u>D</u>	Prepared	Analyzed 08/11/15 18:38	Dil Fac
Analyte	Result Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	110	5.0	5.0	mg/L			08/11/15 18:38	1
Total Suspended Solids	430	33	33	mg/L			08/11/15 11:35	1
Total Dissolved Solids	310	10	10	mg/L			08/11/15 14:33	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJMH-080915-11 Lab Sample ID: 680-115432-2

Date Collected: 08/09/15 19:05 Matrix: Water Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	180000	***************************************	200	24	ug/L		08/11/15 12:52	08/11/15 22:22	
Calcium	480000		500	25	ug/L		08/11/15 12:52	08/11/15 22:22	
iron	85000		50	17	ug/L		08/11/15 12:52	08/11/15 22:22	
Magnesium	95000		500	33	ug/L		08/11/15 12:52	08/11/15 22:22	
Potassium	46000		10000	170	ug/L		08/11/15 12:52	08/12/15 10:02	
Sodium	58000		1000	480	ug/L		08/11/15 12:52	08/11/15 22:22	
Method: 200.7 Rev 4.4 - Method	tals (ICP) - Dis	solved							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Aluminum, Dissolved	24	Ū	200	24	ug/L		08/11/15 12:52	08/11/15 20:45	***************************************
Calcium, Dissolved	56000		500	25	ug/L		08/11/15 12:52	08/11/15 20:45	
Iron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 20:45	
Potassium, Dissolved	4400		1000	17	ug/L		08/11/15 12:52	08/11/15 20:45	
Magnesium, Dissolved	8500		500	33	ug/L		08/11/15 12:52	08/11/15 20:45	
Sodium, Dissolved	44000		1000	480	ug/L		08/11/15 12:52	08/11/15 20:45	
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	calculation	า					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	1600	**************************************	3.3	3.3	mg/L	****		08/11/15 22:22	***************************************
Method: 245.1 - Mercury (C	VAA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	Ū	0.20	0.080	ug/L	***************************************	08/11/15 13:44	08/11/15 20:55	·······
Method: 245.1 - Mercury (C'	VAA) - Dissolv	red							
Analyte	Result	Qualifier	RL.	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 20:14	
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil F
pH	8.12	HF J			su		and defendence has been defended as design of the analysis of	08/11/15 18:44	***************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil F
Alkalinity	110		5.0	5.0	mg/L	***********	***************************************	08/11/15 18:44	
Total Suspended Solids	8200		50	50	mg/L			08/11/15 11:35	
Total Dissolved Solids	260	,	10	10	mg/L			08/11/15 14:33	

TestAmerica Savannah

Client: Weston Solutions, Inc.

Date Collected: 08/09/15 17:50

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJMC-080915-11

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-3

Matrix: Water

Method: 200.7 Rev 4.4 - Meta Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	46000	**************************************	200				08/11/15 12:52	08/11/15 22:27	
Calcium	97000		500		ug/L		08/11/15 12:52	08/11/15 22:27	
Iron	38000		50	17	ug/L		08/11/15 12:52	08/11/15 22:27	
Magnesium	21000		500	33	ug/L		08/11/15 12:52	08/11/15 22:27	
Potassium	11000		1000		ug/L		08/11/15 12:52	08/11/15 22:27	
Sodium	32000		1000	480	ug/L		08/11/15 12:52	08/11/15 22:27	
Method: 200.7 Rev 4.4 - Meta	ıls (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	28	J	200	24	ug/L		08/11/15 12:52	08/11/15 20:50	
Calcium, Dissolved	57000		500	25	ug/L		08/11/15 12:52	08/11/15 20:50	
Iron, Dissolved	17	Ú	50	17	ug/L		08/11/15 12:52	08/11/15 20:50	
Potassium, Dissolved	3000		1000	17	ug/L		08/11/15 12:52	08/11/15 20:50	
Magnesium, Dissolved	8200		500	33	ug/L		08/11/15 12:52	08/11/15 20:50	
-				400	ug/L		0044454550	00114115 20.50	
Sodium, Dissolved	30000		1000	480	uy/L		08/11/15 12:52	00/11/13 20:30	
		CaCO3) by o			ug/L		08/11/15 12:52	06/11/15 20:50	
Sodium, Dissolved Method: 2340B-2011 - Total H Analyte	Hardness (as	CaCO3) by o		1	v	D	Prepared	Analyzed	
Method: 2340B-2011 - Total H	Hardness (as		alculation	ı RL	v	<u>D</u>			
Method: 2340B-2011 - Total H Analyte	Hardness (as Result 330	Qualifier	calculation RL	ı RL	Unit	<u>D</u>		Analyzed	
Method: 2340B-2011 - Total H Analyte Total Hardness	Hardness (as Result 330 AA) Result	Qualifier	calculation RL	ı RL	Unit mg/L	<u>D</u> D		Analyzed	Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CV)	Hardness (as Result 330	Qualifier	calculation RL 3.3	1 RL 3.3	Unit mg/L Unit		Prepared	Analyzed 08/11/15 22:27	Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CV/ Analyte	Hardness (as Result 330 AA) Result 0.080	Qualifier Qualifier U	calculation RL 3.3 RL	1 RL 3.3 MDL	Unit mg/L Unit		Prepared Prepared	Analyzed 08/11/15 22:27 Analyzed	Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte	Hardness (as Result 330 AA) Result 0.080 AA) - Dissolv Result	Qualifier Qualifier U red Qualifier	RL 0.20	1 RL 3.3 MDL	Unit mg/L Unit ug/L		Prepared Prepared	Analyzed 08/11/15 22:27 Analyzed 08/11/15 20:58 Analyzed	Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CV/ Analyte Mercury	Hardness (as Result 330 AA) Result 0.080 AA) - Dissolv	Qualifier Qualifier U red Qualifier	RL 0.20	RL 3.3 MDL 0.080	Unit mg/L Unit ug/L Unit	<u>D</u>	Prepared Prepared 08/11/15 13:44	Analyzed 08/11/15 22:27 Analyzed 08/11/15 20:58	Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte	Hardness (as Result 330 AA) Result 0.080 AA) - Dissolv Result	Qualifier Qualifier U red Qualifier	RL 0.20	RL 3.3 MDL 0.080	Unit mg/L Unit ug/L Unit	<u>D</u>	Prepared Prepared 08/11/15 13:44 Prepared	Analyzed 08/11/15 22:27 Analyzed 08/11/15 20:58 Analyzed	Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte	Hardness (as Result 330 AA) Result 0.080 AA) - Dissolv Result 0.080 Result	Qualifier Qualifier U /ed Qualifier U	RL 0.20	RL 3.3 MDL 0.080	Unit mg/L Unit ug/L Unit ug/L Unit	<u>D</u>	Prepared Prepared 08/11/15 13:44 Prepared	Analyzed 08/11/15 22:27 Analyzed 08/11/15 20:58 Analyzed 08/11/15 20:17 Analyzed	Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte	Hardness (as Result 330 AA) Result 0.080 AA) - Dissolv Result 0.080	Qualifier Qualifier U /ed Qualifier U	RL 0.20	MDL 0.080	Unit ug/L Unit ug/L	D	Prepared 08/11/15 13:44 Prepared 08/11/15 13:44	Analyzed 08/11/15 22:27 Analyzed 08/11/15 20:58 Analyzed 08/11/15 20:17	Dil Fa Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte pH	Hardness (as Result 330 AA) Result 0.080 AA) - Dissolv Result 0.080 Result 8.14	Qualifier Qualifier U /ed Qualifier U	RL 0.20	MDL 0.080	Unit mg/L Unit ug/L Unit ug/L Unit Ug/L	D	Prepared 08/11/15 13:44 Prepared 08/11/15 13:44	Analyzed 08/11/15 22:27 Analyzed 08/11/15 20:58 Analyzed 08/11/15 20:17 Analyzed	Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte pH Analyte	Hardness (as Result 330 AA) Result 0.080 AA) - Dissolv Result 0.080 Result 8.14	Qualifier U red Qualifier U Qualifier HF	RL 0.20 NONE	MDL 0.080 MDL 0.080	Unit mg/L Unit ug/L Unit ug/L Unit Ug/L	D	Prepared Prepared 08/11/15 13:44 Prepared 08/11/15 13:44 Prepared	Analyzed 08/11/15 22:27 Analyzed 08/11/15 20:58 Analyzed 08/11/15 20:17 Analyzed 08/11/15 18:51	Dil Fa
Method: 2340B-2011 - Total H Analyte Total Hardness Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved	Hardness (as Result 330 AA) Result 0.080 AA) - Dissolv Result 0.080 Result 8.14 Result	Qualifier U red Qualifier U Qualifier HF	RL 0.20 NONE	MDL 0.080 MDL 0.080 NONE	Unit mg/L Unit ug/L Unit ug/L Unit ug/L Unit Unit	D	Prepared Prepared 08/11/15 13:44 Prepared 08/11/15 13:44 Prepared	Analyzed 08/11/15 22:27 Analyzed 08/11/15 20:58 Analyzed 08/11/15 20:17 Analyzed 08/11/15 18:51 Analyzed	Dil Fa

TestAmerica Savannah

Client: Weston Solutions, Inc.

Date Collected: 08/09/15 13:15

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJDS-080915-11

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-4

Matrix: Water

Method: 200.7 Rev 4.4 - Meta Analyte	, ,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum	31000		200	24	ug/L		·	08/11/15 22:32	
Calcium	72000		500	25	ug/L		08/11/15 12:52	08/11/15 22:32	
Iron	31000		50		_		08/11/15 12:52	08/11/15 22:32	
Magnesium	14000		500		ug/L		08/11/15 12:52	08/11/15 22:32	
Potassium	8100		1000		ug/L		08/11/15 12:52	08/11/15 22:32	
Sodium	26000		1000		ug/L		08/11/15 12:52	08/11/15 22:32	•
Method: 200.7 Rev 4.4 - Meta	ls (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	1400	***************************************	200	24	ug/L		08/11/15 12:52	08/11/15 20:54	
Calcium, Dissolved	54000		500	25	ug/L		08/11/15 12:52	08/11/15 20:54	
Iron, Dissolved	1000		50	17	ug/L		08/11/15 12:52	08/11/15 20:54	
Potassium, Dissolved	2800		1000	17	ug/L		08/11/15 12:52	08/11/15 20:54	•
Magnesium, Dissolved	6800		500	33	ug/L		08/11/15 12:52	08/11/15 20:54	•
Sodium, Dissolved	24000		1000	480	ug/L		08/11/15 12:52	08/11/15 20:54	1
Method: 2340B-2011 - Total F	łardness (as	CaCO3) by	/ calculation						
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	240		3.3	3.3	mg/L	***************************************		08/11/15 22:32	
Method: 245.1 - Mercury (CV)	AA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Mercury	Result 0.080		RL 0.20	MDL 0.080		<u>D</u>	Prepared 08/11/15 13:44	Analyzed 08/11/15 21:01	Dil Fac
Mercury	0.080 AA) - Dissolv	ved				D		•	Dil Fac
Mercury Method: 245.1 - Mercury (CV) Analyte	0.080 AA) - Dissolv Result	ved Qualifier	0.20 RL	0.080 MDL	ug/L. Unit	<u>D</u>	08/11/15 13:44 Prepared	•	Dil Fac
	0.080 AA) - Dissolv	ved Qualifier	0.20	0.080	ug/L. Unit	Accession a graph of the control of	08/11/15 13:44	08/11/15 21:01	1
Mercury Method: 245.1 - Mercury (CV) Analyte	0.080 AA) - Dissolv Result 0.080	ved Qualifier U	0.20 RL	0.080 MDL	ug/L. Unit	Accession a graph of the control of	08/11/15 13:44 Prepared	08/11/15 21:01 Analyzed	1
Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte	0.080 AA) - Dissolv Result 0.080	ved Qualifier	0.20 RL	0.080 MDL	Unit ug/L Unit	Accession a graph of the control of	08/11/15 13:44 Prepared	08/11/15 21:01 Analyzed 08/11/15 20:20 Analyzed	1
Mercury Method: 245.1 - Mercury (CV/ Analyte Mercury, Dissolved	0.080 AA) - Dissolv Result 0.080	ved Qualifier U	0.20 RL 0.20	0.080 MDL 0.080	Unit ug/L	<u>D</u>	08/11/15 13:44 Prepared 08/11/15 13:44	08/11/15 21:01 Analyzed 08/11/15 20:20	Dil Fac
Mercury Method: 245.1 - Mercury (CV/ Analyte Mercury, Dissolved General Chemistry Analyte pH	0.080 AA) - Dissolv Result 0.080 Result 8.07	ved Qualifier U	0.20 RL 0.20	0.080 MDL 0.080 NONE	Unit ug/L Unit	<u>D</u>	08/11/15 13:44 Prepared 08/11/15 13:44	08/11/15 21:01 Analyzed 08/11/15 20:20 Analyzed	Dil Fac
Method: 245.1 - Mercury (CV/ Analyte Mercury, Dissolved General Chemistry Analyte pH Analyte	0.080 AA) - Dissolv Result 0.080 Result 8.07	ved Qualifier U	0.20 RL 0.20 NONE	0.080 MDL 0.080 NONE	Unit ug/L Unit SU	D	08/11/15 13:44 Prepared 08/11/15 13:44 Prepared	08/11/15 21:01 Analyzed 08/11/15 20:20 Analyzed 08/11/15 18:58	Dil Fac
Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte	0.080 AA) - Dissolv Result 0.080 Result 8.07 Result	ved Qualifier U	0.20 RL 0.20 NONE RL	0.080 MDL 0.080 NONE RL 5.0	Unit ug/L Unit SU Unit	D	08/11/15 13:44 Prepared 08/11/15 13:44 Prepared	08/11/15 21:01 Analyzed 08/11/15 20:20 Analyzed 08/11/15 18:58 Analyzed	Dil Fac

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Date Collected: 08/09/15 12:35

Date Received: 08/11/15 09:39

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJSR-080915-11

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	43000	Name of the state	200	24	ug/L		08/11/15 12:52	08/11/15 22:36	*
Calcium	74000		500	25	ug/L		08/11/15 12:52	08/11/15 22:36	1
Iron	40000		50	17	ug/L		08/11/15 12:52	08/11/15 22:36	1
Magnesium	16000		500	33	ug/L		08/11/15 12:52	08/11/15 22:36	1
Potassium	9700		1000	17	ug/L		08/11/15 12:52	08/11/15 22:36	1
Sodium	29000		1000	480	ug/L		08/11/15 12:52	08/11/15 22:36	1
Method: 200.7 Rev 4.4 - Metals	s (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	1800		200	24	ug/L		08/11/15 12:52	08/11/15 21:08	
Calcium, Dissolved	51000		500	25	ug/L		08/11/15 12:52	08/11/15 21:08	1
Iron, Dissolved	1300		50	17	ug/L		08/11/15 12:52	08/11/15 21:08	•
Potassium, Dissolved	2900		1000	17	ug/L		08/11/15 12:52	08/11/15 21:08	•
Magnesium, Dissolved	6500		500	33	ug/L		08/11/15 12:52	08/11/15 21:08	•
Sodium, Dissolved	26000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:08	•
Method: 2340B-2011 - Total H	ardness (as	CaCO3) by	calculation						
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			77				
TOTAL MATURESS	250		3.3	3.3	mg/L			08/11/15 22:36	1
Method: 245.1 - Mercury (CVA	(A)							08/11/15 22:36	
Method: 245.1 - Mercury (CVA Analyte	AA) Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 245.1 - Mercury (CVA Analyte	(A)				Unit	D	•		
Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA	Result 0.080	ved	RL 0.20	MDL 0.080	Unit ug/L	D	•	Analyzed	Dil Fac
Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte	Result 0.080 A) - Dissolv Result	ved Qualifier	RL 0.20	MDL 0.080 MDL	Unit ug/L Unit	D	08/11/15 13:44 Prepared	Analyzed 08/11/15 21:04 Analyzed	
Method: 245.1 - Mercury (CVA Analyte Mercury	Result 0.080	ved Qualifier	RL 0.20	MDL 0.080	Unit ug/L Unit		08/11/15 13:44	Analyzed 08/11/15 21:04 Analyzed	Dil Fac
Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry	Result 0.080 A) - Dissolv Result 0.080	Ved Qualifier	RL 0.20 RL 0.20	MDL 0.080	Unit ug/L Unit ug/L		08/11/15 13:44 Prepared 08/11/15 13:44	Analyzed 08/11/15 21:04 Analyzed 08/11/15 20:24	Dil Fac
Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte	Result 0.080 A) - Dissolv Result 0.080 Result	Ved Qualifier U	RL 0.20	MDL 0.080 MDL	Unit ug/L Unit ug/L Unit		08/11/15 13:44 Prepared	Analyzed 08/11/15 21:04 Analyzed 08/11/15 20:24 Analyzed	Dil Fac
Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry	Result 0.080 A) - Dissolv Result 0.080	Ved Qualifier	RL 0.20 RL 0.20	MDL 0.080	Unit ug/L Unit ug/L	<u>D</u>	08/11/15 13:44 Prepared 08/11/15 13:44	Analyzed 08/11/15 21:04 Analyzed 08/11/15 20:24	Dil Fac
Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte pH	Result 0.080 A) - Dissolv Result 0.080 Result	Ved Qualifier U	RL 0.20 RL 0.20	MDL 0.080	Unit ug/L Unit ug/L Unit	<u>D</u>	08/11/15 13:44 Prepared 08/11/15 13:44	Analyzed 08/11/15 21:04 Analyzed 08/11/15 20:24 Analyzed	Dil Fac
Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte pH Analyte	Result 0.080 AA) - Dissolv Result 0.080 Result 8.11	Ved Qualifier U	RL 0.20 RL 0.20	MDL 0.080 MDL 0.080	Unit ug/L Unit ug/L Unit SU	<u>D</u>	08/11/15 13:44 Prepared 08/11/15 13:44 Prepared	Analyzed 08/11/15 21:04 Analyzed 08/11/15 20:24 Analyzed 08/11/15 19:05	Dil Fac
Method: 245.1 - Mercury (CVA Analyte Mercury Method: 245.1 - Mercury (CVA Analyte Mercury, Dissolved General Chemistry Analyte	Result 0.080 A) - Dissolv Result 0.080 Result 8.11 Result	Ved Qualifier U	RL 0.20 RL 0.20 NONE	MDL 0.080 MDL 0.080 NONE	Unit ug/L Unit ug/L Unit SU Unit	<u>D</u>	08/11/15 13:44 Prepared 08/11/15 13:44 Prepared	Analyzed 08/11/15 21:04 Analyzed 08/11/15 20:24 Analyzed 08/11/15 19:05 Analyzed	Dil Fac

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJ4C-080915-11

Date Collected: 08/09/15 15:31 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-6

Matrix: Water

vate ivereinen, novi iv in navara	***		and the second						
Method: 200.7 Rev 4.4 - Metals (IC									
Analyte		Qualifier	RL _	MDL	The state of the s	<u>D</u>	Prepared	Analyzed	Dil Fa
Aluminum	33000		200		ug/L		08/11/15 12:52	08/11/15 22:41	
Calcium	87000		500		ug/L			08/11/15 22:41	5.0
Iron	35000		50		ug/L			08/11/15 22:41	
Magnesium	17000		500		ug/L		08/11/15 12:52		
Potassium	9300		1000	and the second	ug/L		08/11/15 12:52	08/11/15 22:41	
Sodium	26000		1000	480	ug/L		08/11/15 12:52	08/11/15 22:41	Section 1.
Method: 200.7 Rev 4.4 - Metals (IC	P) - Dis	solved				spirit serif			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	24	U	200	24	ug/L		08/11/15 12:52	08/11/15 21:13	***************************************
Calcium, Dissolved	55000		500	25	ug/L	en Ny sahad	08/11/15 12:52	08/11/15 21:13	*
Iron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 21:13	
Potassium, Dissolved	2800		1000	17	ug/L		08/11/15 12:52	08/11/15 21:13	
Magnesium, Dissolved	6800		500	33	ug/L		08/11/15 12:52	08/11/15 21:13	
Sodium, Dissolved	24000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:13	
Method: 2340B-2011 - Total Hardn	ess (as	CaCO3) by	calculation						
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	290		3.3	3.3	mg/L			08/11/15 22:41	***************************************
Method: 245.1 - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	J	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 21:07	***************************************
Method: 245.1 - Mercury (CVAA) -	Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L	gerianismik sening	08/11/15 13:44	08/11/15 20:27	***************************************
General Chemistry									
Analyto		Qualifier	NONE	NONE	All the second second second	D	Prepared	Analyzed	Dil Fa
pH	8.08	HF J			SU			08/11/15 19:12	
Analyte	Result	Qualifier	RL	RL	Unit	ם	Prepared	Analyzed	Dil Fa
Alkalinity	88		5.0	5.0	mg/L			08/11/15 19:12	
Total Suspended Solids	2000		50	50	mg/L			08/11/15 13:06	
Total Dissolved Solids	140		10		mg/L			08/11/15 14:33	

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Date Collected: 08/09/15 10:15

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJFP-080915-11

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-7

Matrix: Water

Date Received: 08/11/15 09:39	********	***************************************							Carlo Company
Method: 200.7 Rev 4.4 - Metals (IC	CP)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25000	AND THE PROPERTY OF THE PARTY O	200	24	ug/L	-	08/11/15 13:06	08/11/15 22:45	1
Calcium	64000		500	25	ug/L		08/11/15 13:06	08/11/15 22:45	1
Iron	22000		50	17	ug/L		08/11/15 13:06	08/11/15 22:45	1
Magnesium	13000		500	33	ug/L		08/11/15 13:06	08/11/15 22:45	1
Potassium	7300	\$1.50 m	1000	17	ug/L		08/11/15 13:06	08/11/15 22:45	1
Sodium	22000		1000	480	ug/L		08/11/15 13:06	08/11/15 22:45	1
Method: 200.7 Rev 4.4 - Metals (IC	CP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/11/15 12:52	08/11/15 21:17	1
Calcium, Dissolved	50000		500	25	ug/L		08/11/15 12:52	08/11/15 21:17	1
Iron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 21:17	1
Potassium, Dissolved	2300		1000	17	ug/L		08/11/15 12:52	08/11/15 21:17	- 1
Magnesium, Dissolved	6500		500	33	ug/L		08/11/15 12:52	08/11/15 21:17	1
Sodium, Dissolved	20000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:17	1
Method: 2340B-2011 - Total Hardı	ness (as	CaCO3) b	y calculatio	n					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	DII Fac
Total Hardness	210		3.3	3.3	mg/L	introducerant state.		08/11/15 22:45	1
Method: 245.1 - Mercury (CVAA)									
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 21:10	1
Method: 245.1 - Mercury (CVAA) -	Dissol	ved							
Analyte	Rosult	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 20:30	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE		D	Prepared	Analyzed	DII Fac
PH	8.03	HF J	- Announcement of the Principles of the Principl		SU			08/11/15 19:31	
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	93	Management (Management)	5.0	5.0	mg/L			08/11/15 19:31	1
Total Suspended Solids	1100		50	50	mg/L			08/11/15 13:06	1

10 mg/L

240

Orghalic

08/11/15 14:33

TestAmerica Savannah

8/12/2015

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Total Dissolved Solids

Client: Weston Solutions, Inc. Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJHB-080915-11

Date Collected: 08/09/15 11:31 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-8

Matrix: Water

ate Received: 08/11/15 09:39					and the second s	*****			******
Method: 200.7 Rev 4.4 - Metals (ICP Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Aluminum	35000	- Accounts	200		ug/L		08/11/15 13:06	08/11/15 22:59	W11 1 1
Calcium	81000		500		ug/L	i de la companya de l	08/11/15 13:06	08/11/15 22:59	
Iron	31000	A. Same	50		ug/L			08/11/15 22:59	
Magnesium	16000		500		ug/L		08/11/15 13:06	08/11/15 22:59	
Potassium	9200		1000		ug/L		08/11/15 13:06		- 1 -
Sodium	24000		1000		ug/L			08/11/15 22:59	
Method: 200.7 Rev 4.4 - Metals (ICP) - Dis	solved							
		Qualifier	RL	MDL	Unit	a	Prepared	Analyzed	DII F
Aluminum, Dissolved	330	***************************************	200	24	ug/L		08/11/15 12:52	08/11/15 21:22	***************************************
Calcium, Dissolved	52000		500	25	ug/L		08/11/15 12:52	08/11/15 21:22	
Iron, Dissolved	220		50	17	ug/L		08/11/15 12:52	08/11/15 21:22	
Potassium, Dissolved	2500		1000	17	ug/L		08/11/15 12:52	08/11/15 21:22	
Magnesium, Dissolved	6800		500	33	ug/L		08/11/15 12:52	08/11/15 21:22	
Sodium, Dissolved	22000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:22	
Method: 2340B-2011 - Total Hardne									
마이트 (Billian Francisco) - 이 사용하는 사용하다. 그는 사용하는 사용하는 사용하는 사용하는 사용하는 사용하는 사용하는 사용하		Qualifier	RL		Unit	<u>D</u>	Prepared	Analyzed	DilF
Total Hardness	270		3.3	3.3	mg/L			08/11/15 22:59	
Method: 245.1 - Mercury (CVAA)		Secondary	Samon en						
Analyte		Qualifier	RL	er e	Unit	D	Prepared	Analyzed	DIIF
Mercury	0.080	U	0.20	0.080	ug/L		08/11/15 13:44	08/11/15 21:13	
Method: 245.1 - Mercury (CVAA) - D									
		Qualifier	RL _		Unit	D	Prepared	Analyzed	DilF
Mercury, Dissolved	0.080		0.20	0.080	ug/L		08/11/15 13:44	08/11/15 20:33	
General Chemistry Analyte	Regult	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dii F
	8.12	HF -	1 3 No. 2 3 No.	F T NOT E T THE CONTRACTOR OF THE PROPERTY OF	SU			08/11/15 19:38	
[발리 - 발표 사용 - 항송화를 보고 있다. # 기계 - 출표 - 111] 전			74 1	276.5			Drawd		Dil F
		Qualifier .	RL FA		Unit	D	Prepared	Analyzed 08/11/15 19:38	UII F
Alkalinity	94		5.0		mg/L				er de s De la
Total Suspended Solids	2200	通知事 事一	50	The second of	mg/L			08/11/15 13:06	
Total Dissolved Solids	310		10	10	mg/L			08/11/15 14:33	, T

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJLP-080915-11 Lab Sample ID: 680-115432-9

Date Collected: 08/09/15 09:54 Matrix: Water Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25000	***************************************	200	24	ug/L		08/11/15 13:33	08/11/15 23:18	1
Calcium	72000		500	25	ug/L		08/11/15 13:33	08/11/15 23:18	1
Iron	24000		50	17	ug/L		08/11/15 13:33	08/11/15 23:18	1
Magnesium	13000		500	33	ug/L		08/11/15 13:33	08/11/15 23:18	•
Potassium	7600		1000	17	ug/L		08/11/15 13:33	08/11/15 23:18	
Sodium	20000		1000	480	ug/L		08/11/15 13:33	08/11/15 23:18	
Method: 200.7 Rev 4.4 - Meta	ls (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Aluminum, Dissolved	24	U	200	24	ug/L		08/11/15 12:52	08/11/15 21:27	***************************************
Calcium, Dissolved	51000		500	25	ug/L		08/11/15 12:52	08/11/15 21:27	
ron, Dissolved	17	U	50	17	ug/L		08/11/15 12:52	08/11/15 21:27	
Potassium, Dissolved	2400		1000	17	ug/L		08/11/15 12:52	08/11/15 21:27	
Magnesium, Dissolved	6600		500	33	ug/L		08/11/15 12:52	08/11/15 21:27	
Sodium, Dissolved	19000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:27	
Method: 2340B-2011 - Total F	łardness (as	CaCO3) by	calculation	l					
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Total Hardness	230		3.3	3.3	mg/L			08/11/15 23:18	
Method: 245.1 - Mercury (CV)	AA)								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Mercury	0.080	Ū	0.20	0.080	ug/L		08/11/15 15:17	08/11/15 19:28	WWW.
Method: 245.1 - Mercury (CV)	AA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Mercury, Dissolved	0.080	Ū	0.20	0.080	ug/L		08/11/15 15:17	08/11/15 19:06	-
General Chemistry									
Analyte		Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fa
рΗ	8.10	HF J	bilder And School and The School and School	receile delle delle deservation de	SU		****	08/11/15 19:46	***************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fa
					***		-	-	
Alkalinity	92		5.0	5.0	mg/L			08/11/15 19:46	
Alkalinity Total Suspended Solids	92 1600		5.0 50	5.0 50	mg/L mg/L			08/11/15 19:46 08/11/15 13:06	

DRS/12/11

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Client Sample ID: MECT-080915-11

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-10

Matrix: Water

Date Collected: 08/09/15 14:05 Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8600	No.	200	24	ug/L		08/11/15 13:33	08/11/15 23:36	1
Calcium	190000		500	25	ug/L		08/11/15 13:33	08/11/15 23:36	1
Iron	7600		50	17	ug/L		08/11/15 13:33	08/11/15 23:36	1
Magnesium	73000		500	33	ug/L		08/11/15 13:33	08/11/15 23:36	1
Potassium	8100		1000	17	ug/L		08/11/15 13:33	08/11/15 23:36	1
Sodium	67000		1000	480	ug/L		08/11/15 13:33	08/11/15 23:36	1
Method: 200.7 Rev 4.4 - Met	als (ICP) - Dis	solved							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	62	J	200	24	ug/L		08/11/15 12:52	08/11/15 21:31	1
Calcium, Dissolved	160000		500	25	ug/L		08/11/15 12:52	08/11/15 21:31	1
lron, Dissolved	17	J	50	17	ug/L		08/11/15 12:52	08/11/15 21:31	1
Potassium, Dissolved	5400		1000	17	ug/L		08/11/15 12:52	08/11/15 21:31	1
Magnesium, Dissolved	68000		500	33	ug/L		08/11/15 12:52	08/11/15 21:31	1
Sodium, Dissolved	67000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:31	1
Method: 2340B-2011 - Total	Hardness (as	CaCO3) by	calculation	า					
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	780		3.3	3.3	mg/L			08/11/15 23:36	1
Method: 245.1 - Mercury (C\	/AA)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	Ū	0.20	0.080	ug/L	-	08/11/15 15:17	08/11/15 19:37	1
Method: 245.1 - Mercury (C\	/AA) - Dissolv	/ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/11/15 15:17	08/11/15 19:19	1
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.26	HF]	yrid-finipodonyldgi.co.gov/mileosines/kovoverines/enn wiskeens		SU	-		08/12/15 07:04	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	210	***************************************	5.0	5.0	mg/L		***************************************	08/12/15 07:04	1
Total Suspended Solids	620		33	33	mg/L			08/11/15 13:06	1
Total Dissolved Solids	1000		10	10	mg/L			08/11/15 14:33	1

Ore/1/2/1/

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Client Sample ID: SJME-080915-11

TestAmerica Job ID: 680-115432-1

Lab Sample ID: 680-115432-11

Matrix: Wate

Date Collected: 08/09/15 16:3 Date Received: 08/11/15 09:3		July'	NO -					Matrix	: Water
Method: 200.7 Rev 4.4 - Met	als (ICP)	Va							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	59000	***************************************	200	24	ug/L		08/11/15 13:33	08/12/15 00:00	1
Calcium	130000		500	25	ug/L		08/11/15 13:33	08/12/15 00:00	1
Iron	47000		50	17	ug/L		08/11/15 13:33	08/12/15 00:00	1
Magnesium	27000		500	33	ug/L		08/11/15 13:33	08/12/15 00:00	1
Potassium	15000		1000	17	ug/L		08/11/15 13:33	08/12/15 00:00	1
Sodium	32000		1000	480	ug/L		08/11/15 13:33	08/12/15 00:00	1
- Method: 200.7 Rev 4.4 - Met									
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	3200	Ū	200	24	ug/L		08/11/15 12:52	08/11/15 21:36	1
Calcium, Dissolved	59000	_	500	25	ug/L		08/11/15 12:52	08/11/15 21:36	1
Iron, Dissolved	2000	7	50	17	ug/L		08/11/15 12:52	08/11/15 21:36	1
Potassium, Dissolved	3900		1000	17	ug/L		08/11/15 12:52	08/11/15 21:36	1
Magnesium, Dissolved	7800		500		ug/L		08/11/15 12:52	08/11/15 21:36	1
Sodium, Dissolved	31000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:36	1
Analyte		Qualifier	RL		Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total Hardness	430		3.3	3.3	mg/L			08/12/15 00:00	1
Method: 245.1 - Mercury (C\									
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/11/15 15:17	08/11/15 19:40	1
Method: 245.1 - Mercury (CV						_			
Analyte		Qualifier	RL _	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L		08/11/15 15:17	08/11/15 19:22	1
General Chemistry						_			
Analyte		Qualifier	NONE	NONE		D	Prepared	Analyzed	Dil Fac
pH	8.01	HF J			SU			08/12/15 07:16	1
Analyte		Qualifier	RL.		Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	96		5.0	5.0	mg/L		**************************************	08/12/15 07:16	1
Total Suspended Solids	3000		50	50	mg/L			08/11/15 13:06	1

10

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340

10 mg/L

068/13/11

08/11/15 14:33

TestAmerica Savannah

8/12/2015

Total Dissolved Solids

Client: Weston Solutions, Inc. Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-1

Client Sample ID: SJME-09 pate Collected: 08/09/15 16:35 pate Received: 08/11/15 09:39	80915-12	Jolg	ul			Lal	o Sample II	D: 680-1154 Matrix	132-12 : Water
Method: 200.7 Rev 4.4 - Metals	The state of the s								
Analyte	***************************************	Qualifier	RL.		Unit	D	Prepared	Analyzed	DII Fac
Aluminum	58000		200	24	***			08/12/15 00:04	1
Calcium	130000		500		ug/L			08/12/15 00:04	
Iron	46000		50		ug/L			08/12/15 00:04	
Magnesium	27000		500		ug/L	Jan Comme		08/12/15 00:04	
Potassium	15000		1000	The second section is	ug/L		A second section of the second second	08/12/15 00:04	
Sodium	33000		1000	480	ug/L		08/11/15 13:33	08/12/15 00:04	
Method: 200.7 Rev 4.4 - Metals	s (ICP) - Dis	solved			Selection &	\$ 45			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	5700	T.	200	24	ug/L		08/11/15 12:52	08/11/15 21:41	**************************************
Calcium, Dissolved	61000		500	25	ug/L		08/11/15 12:52	08/11/15 21:41	
Iron, Dissolved	3500	J	50	17	ug/L		08/11/15 12:52	08/11/15 21:41	A 4
Potassium, Dissolved	4500		1000	17	ug/L		08/11/15 12:52	08/11/15 21:41	
Magnesium, Dissolved	8500		500	33	ug/L		08/11/15 12:52	08/11/15 21:41	
Sodium, Dissolved	31000		1000	480	ug/L		08/11/15 12:52	08/11/15 21:41	
Method: 2340B-2011 - Total H	ardness (as	CaCO3) by	calculatio	n					
Analyte		Qualifier	RL		Unit	a	Prepared	Analyzed	Dil Fac
Total Hardness	440	and the second s	3.3	3.3	mg/L	-	***************************************	08/12/15 00:04	***************************************
Method: 245.1 - Mercury (CVA	A)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L	****	08/11/15 15:18	08/11/15 19:43	
Method: 245.1 - Mercury (CVA	A) - Dissolv	/ed							
Analyte	Result	Qualifier	RL	MDL	Unit	d	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	0.080	U	0.20	0.080	ug/L	-	08/11/15 15:17	08/11/15 19:25	- Accommunication (Company)
General Chemistry									
Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.08	HF J		***************************************	SU	management of the same		08/12/15 07:23	**************************************
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	91		5.0	5.0	mg/L	Mandalan Material	***************************************	08/12/15 07:23	
Total Suspended Solids	2900		50		mg/L			08/11/15 13:06	
Total Dissolved Solids	330		10		mg/L			08/11/15 14:33	1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Lab Sample ID: 680-115432-1

Matrix: Water

Client Sample ID: SJBB-080915-11

Date Collected: 08/09/15 18:25 Date Received: 08/11/15 09:39

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	UP CO	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:05	1
Arsenic	9.2	•	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:05	1
Barium	720		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 23:05	1
Beryllium	3.1		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:05	1
Cadmium	0.12	J	0.20	0.086	ug/L		08/11/15 12:52	08/12/15 11:00	2
Chromium	27		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:05	1
Cobalt	22		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:05	1
Copper	51		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:05	1
Lead	40		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:05	1
Manganese	1200		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:05	1
Nickel	32		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:05	1
Selenium	0.58	U	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 23:05	1
Silver	0.20	J	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:05	1
Thallium	0.57		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:05	1
Vanadium	68		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 23:05	1
Zinc	150	F/ J	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:05	1
Molybdenum	1.5	所丁	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 23:05	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L	******	08/11/15 12:52	08/11/15 21:39	1
Arsenic, Dissolved	1.1		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 21:39	1
Barium, Dissolved	74		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 21:39	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 21:39	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 21:39	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 21:39	1
Cobalt, Dissolved	0.13	J	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 21:39	1
Copper, Dissolved	2.3		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 21:39	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 21:39	. 1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 21:39	1
Molybdenum, Dissolved	2.1		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 21:39	1
Nickel, Dissolved	1.2		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 21:39	1
Selenium, Dissolved	0.86	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 21:39	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 21:39	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 21:39	1
Vanadium, Dissolved	2.8		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 21:39	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 21:39	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Lab Sample ID: 680-115432-2

Matrix: Water

Client Sample ID: SJMH-080915-11

Date Collected: 08/09/15 19:05 Date Received: 08/11/15 09:39

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony		1.0	0.40	ug/L	***************************************	08/11/15 12:52	08/11/15 23:22	
Arsenic	21	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:22	1
Barium	2300	10	0.70	ug/L		08/11/15 12:52	08/12/15 10:56	5
Beryllium	8.1	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:22	1
Cadmium	0.22 U	0.50	0.22	ug/L		08/11/15 12:52	08/12/15 10:56	5
Chromium	70	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:22	1
Cobalt	55	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:22	1
Copper	87	1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:22	1
Lead	85	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:22	1
Manganese	3400	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:22	1
Nickel	110	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:22	1
Selenium	5.2 J	10	2.9	ug/L		08/11/15 12:52	08/12/15 10:56	5
Silver	0.39 J	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:22	1
Thallium	1.4	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:22	1
Vanadium	160	1.0	0.30	ug/L		08/11/15 12:52	08/11/15 23:22	1
Zinc	290 ブー	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:22	1
Molybdenum	1.7	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 23:22	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	Ū	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:03	1
Arsenic, Dissolved	2.0		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:03	1
Barium, Dissolved	130		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:03	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:03	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:03	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:03	1
Cobalt, Dissolved	0.31	J	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:03	1
Copper, Dissolved	2.8		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:03	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:03	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:03	1
Molybdenum, Dissolved	2.4		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:03	1
Nickel, Dissolved	1.4		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:03	1
Selenium, Dissolved	0.92	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:03	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:03	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:03	1
Vanadium, Dissolved	7.9		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:03	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:03	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJMC-080915-11 Lab Sample ID: 680-115432-3

Date Collected: 08/09/15 17:50 Matrix: Water Date Received: 08/11/15 09:39

Method: 200.8 - Metals (ICP/MS									
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U CO	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:26	1
Arsenic	8.9		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:26	1
Barium	600		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 23:26	1
Beryllium	2.6		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:26	1
Cadmium	0.086	U	0.20	0.086	ug/L		08/11/15 12:52	08/12/15 09:38	2
Chromium	25		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:26	1
Cobalt	19		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:26	1
Copper	44		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:26	1
Lead	33		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:26	1
Manganese	940		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:26	1
Nickel	26		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:26	1
Selenium	0.84	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 23:26	1
Silver	0.19	J	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:26	1
Thallium	0.49		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:26	1
Vanadium	60		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 23:26	1
Zinc	130	T	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:26	1
Molybdenum	1.5	ナー	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 23:26	1
Method: 200.8 - Metals (ICP/MS	S) - Dissolv	ed							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:16	1
Arsenic, Dissolved	0.86	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:16	1
Barium, Dissolved	77		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:16	1
m Nt o Mt. at total	0.45	* 4	0.40	0.45			00444540.50	0044445 0040	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:16	1
Arsenic, Dissolved	0.86	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:16	1
Barium, Dissolved	77		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:16	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:16	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:16	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:16	1
Cobalt, Dissolved	0.13	J	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:16	1
Copper, Dissolved	2.0		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:16	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:16	1
Manganese, Dissolved	1.2	j	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:16	1
Molybdenum, Dissolved	2.1		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:16	1
Nickel, Dissolved	1.5		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:16	1
Selenium, Dissolved	0.90	,J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:16	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:16	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:16	. 1
Vanadium, Dissolved	2.6		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:16	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:16	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

Method: 200.8 - Metals (ICP/MS)

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJDS-080915-11 Lab Sample ID: 680-115432-4

Date Collected: 08/09/15 13:15 Matrix: Water

Date Collected: 08/09/19 13:19

Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	ण युष	1.0	0.40	ug/L	description of House	08/11/15 12:52	08/11/15 23:30	1
Arsenic	9.4		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:30	1
Barium	490		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 23:30	1
Beryllium	1.8		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:30	1
Cadmium	0.12	J	0.20	0.086	ug/L		08/11/15 12:52	08/12/15 09:42	2
Chromium	18		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:30	1
Cobalt	13		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:30	1
Copper	44		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:30	1
Lead	96		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:30	1
Manganese	700		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:30	1
Nickel	17		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:30	1
Selenium	1.1	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 23:30	1
Silver	0.67	J	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:30	1
Thallium	0.35		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:30	1
Vanadium	43		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 23:30	1
Zinc	130	丁-	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:30	1
Molybdenum	1.7	1	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 23:30	1
 Method: 200.8 - Metals (IC	P/MS) - Dissolv	ed							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	Ū	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:20	1
Arsenic, Dissolved	0.81	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:20	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	Ū	1.0	0.40	ug/L	the time	08/11/15 12:52	08/11/15 22:20	1
Arsenic, Dissolved	0.81	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:20	1
Barium, Dissolved	80		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:20	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:20	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:20	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:20	1
Cobalt, Dissolved	0.54		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:20	1
Copper, Dissolved	3.5		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:20	1
Lead, Dissolved	3.5		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:20	1
Manganese, Dissolved	32		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:20	1
Molybdenum, Dissolved	1.7		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:20	1
Nickel, Dissolved	1.5		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:20	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:20	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:20	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:20	1
Vanadium, Dissolved	2.8		. 1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:20	1
Zinc, Dissolved	7.0	J	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:20	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Lab Sample ID: 680-115432-5

Matrix: Water

Client Sample ID: SJSR-080915-11

Date Collected: 08/09/15 12:35 Date Received: 08/11/15 09:39

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U US	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:34	1
Arsenic	9.9	-	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:34	1
Barium	630		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 23:34	1
Beryllium	2.5		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:34	1
Cadmium	0.086	U	0.20	0.086	ug/L		08/11/15 12:52	08/12/15 09:46	2
Chromium	22		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:34	1
Cobalt	18		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:34	1
Copper	50		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:34	1
Lead	70		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:34	1
Manganese	860		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:34	1
Nickel	22		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:34	1
Selenium	0.60	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 23:34	1
Silver	0.44	J	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:34	1
Thallium	0.46		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:34	1
Vanadium	57		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 23:34	1
Zinc	150	丁-	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:34	1
Molybdenum	1.3	T-	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 23:34	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:24	1
Arsenic, Dissolved	0.80	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:24	1
Barium, Dissolved	81		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:24	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:24	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:24	1
Chromium, Dissolved	1.2	J	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:24	1
Cobalt, Dissolved	0.67		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:24	1
Copper, Dissolved	4.0		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:24	1
Lead, Dissolved	2.7		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:24	1
Manganese, Dissolved	_32		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:24	1
Molybdenum, Dissolved	(1.5	ر د	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:24	1
Nickel, Dissolved	1.8		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:24	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:24	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:24	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:24	1
Vanadium, Dissolved	3.4		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:24	1
Zinc, Dissolved	6.7	J	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:24	1

TestAmerica Savannah

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Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJ4C-080915-11

Date Collected: 08/09/15 15:31 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	J	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:39	- 1
Arsenic	13		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 23:39	1
Barium	540		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 23:39	1
Beryllium	2.0		0.40	0.15	ug/L		08/11/15 12:52	08/11/15 23:39	
Cadmium	0.11	J	0.20	0.086	ug/L	1	08/11/15 12:52	08/12/15 09:50	2
Chromium	18		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 23:39	1
Cobalt	14		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 23:39	1
Copper	62		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 23:39	1
Lead	180		0.30	0.060	ug/L		08/11/15 12:52	08/11/15 23:39	1
Manganese	740		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 23:39	. 1
Nickel	20	* ** .	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 23:39	- 1
Selenium	0.98	j	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 23:39	1
Silver	1.3		1.0	0.10	ug/L		08/11/15 12:52	08/11/15 23:39	1
Thallium	0.40		0.20	0.10	ug/L		08/11/15 12:52	08/11/15 23:39	1
Vanadium	50	San Arthur	1.0	0.30	ug/L	1	08/11/15 12:52	08/11/15 23:39	1
Zinc	160	 ブ	20	2.8	ug/L		08/11/15 12:52	08/11/15 23:39	. 1
Molybdenum	2.8		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 23:39	-1

Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40 U	J	1.0	0.40	ug/L	Wagnessellin, denter-	08/11/15 12:52	08/11/15 22:28	4
Arsenic, Dissolved	0.56		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:28	1
Barium, Dissolved	76		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:28	1
Beryllium, Dissolved	0.15 L	J	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:28	1
Cadmium, Dissolved	0.043 L	J.	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:28	1
Chromium, Dissolved	1.0 U	J	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:28	. 1
Cobalt, Dissolved	0.12 U	J.	0.40	0.12	ug/L	. %	08/11/15 12:52	08/11/15 22:28	. 1
Copper, Dissolved	1.7		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:28	1
Lead, Dissolved	0.060 L)	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:28	. 1
Manganese, Dissolved	4.3		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:28	1
Molybdenum, Dissolved	1.9		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:28	- 1
Nickel, Dissolved	1.0		1.0	0.40	ug/L	4, 4, 4	08/11/15 12:52	08/11/15 22:28	- 1
Selenium, Dissolved	1.0 J	j.	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:28	1
Silver, Dissolved	0.10 L	j.	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:28	1
Thallium, Dissolved	0.10 L) :	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:28	1
Vanadium, Dissolved	1.0	·	1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:28	1
Zinc, Dissolved	2.8 L	j.	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:28	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJFP-080915-11

Date Collected: 08/09/15 10:15 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-7

Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier	RL	MDL	Unit		D	Prepared	Analyzed	Dil Fac
Antimony	0.40	o to	1.0	0.40	ug/L		-	08/11/15 13:06	08/11/15 23:43	7
Arsenic	5.1		1.0	0.37	ug/L	- Sec		08/11/15 13:06	08/11/15 23:43	1
Barium	340		2.0	0.14	ug/L			08/11/15 13:06	08/11/15 23:43	1
Beryllium	1.4		0.40	0.15	ug/L			08/11/15 13:06	08/11/15 23:43	1
Cadmium	0.086	U	0.20	0.086	ug/L			08/11/15 13:06	08/12/15 09:54	2
Chromium	17		2.0	1.0	ug/L			08/11/15 13:06	08/11/15 23:43	1
Cobalt	10		0.40	0.12	ug/L			08/11/15 13:06	08/11/15 23:43	1
Copper	32		1.0	0.50	ug/L			08/11/15 13:06	08/11/15 23:43	1
Lead	47		0.30	0.060	ug/L			08/11/15 13:06	08/11/15 23:43	1
Manganese	500		2.5	1.2	ug/L			08/11/15 13:06	08/11/15 23:43	1
Nickel	15		1.0	0.40	ug/L			08/11/15 13:06	08/11/15 23:43	1.
Selenium	0.92	J	2.0	0.58	ug/L			08/11/15 13:06	08/11/15 23:43	1
Silver	0.31	J	1.0	0.10	ug/L			08/11/15 13:06	08/11/15 23:43	1
Thallium	0.26		0.20	0.10	ug/L			08/11/15 13:06	08/11/15 23:43	1
Vanadium	31		1.0	0.30	ug/L			08/11/15 13:06	08/11/15 23:43	1
Zinc	94	ブ ー	20	2.8	ug/L	, S.		08/11/15 13:06	08/11/15 23:43	1
Molybdenum	1.4	丁 一	1.0	0.45	ug/L			08/11/15 13:06	08/11/15 23:43	1

Method: 200.8 - Metals (ICP/ Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	CONTROL CONTRO	U	1.0	0.40		anning the same	08/11/15 12:52	***************************************	1
Arsenic, Dissolved	0.41		1.0	0.37			08/11/15 12:52	08/11/15 22:32	1
Barium. Dissolved	68		2.0		ug/L		08/11/15 12:52	08/11/15 22:32	1
Beryllium, Dissolved	0.15	U	0.40	1. No. 34. (Al.)	4.0		08/11/15 12:52	08/11/15 22:32	1
Cadmium, Dissolved	0.043	Ù	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:32	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:32	1
Cobalt, Dissolved	0.12	J	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:32	1
Copper, Dissolved	1.5		1.0	0.50	ug/L	χ.	08/11/15 12:52	08/11/15 22:32	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:32	1
Manganese, Dissolved	4.1		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:32	1
Molybdenum, Dissolved	1.5		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:32	-1
Nickel, Dissolved	1.2		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:32	1
Selenium, Dissolved	0.58	Ü	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:32	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:32	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:32	1
Vanadium, Dissolved	0.81	J	1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:32	. 1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:32	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJHB-080915-11 Lab Sample ID: 680-115432-8

Date Collected: 08/09/15 11:31 Date Received: 08/11/15 09:39 Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier_	RL	MDL	Unit		D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U UT	1.0	0.40	ug/L			08/11/15 13:06	08/11/15 23:55	1
Arsenic	6.2		1.0	0.37	ug/L			08/11/15 13:06	08/11/15 23:55	1
Barium	520		2.0	0.14	ug/L			08/11/15 13:06	08/11/15 23:55	1
Beryllium	2.4		0.40	0.15				08/11/15 13:06	08/11/15 23:55	1
Cadmium	0.086	U	0.20	0.086	200			08/11/15 13:06	08/12/15 09:58	2
Chromium	22		2.0	1.0	ug/L			08/11/15 13:06	08/11/15 23:55	1
Cobalt	17		0.40	0.12				08/11/15 13:06	08/11/15 23:55	1
Copper	42	Š	1.0	0.50	1 1 7			08/11/15 13:06	08/11/15 23:55	1
Lead	57		0.30	0.060				08/11/15 13:06	08/11/15 23:55	1
Manganese	990		2.5		ug/L				08/11/15 23:55	া
Nickel	22		1.0	0.40	210.41			08/11/15 13:06	08/11/15 23:55	1
Selenium	0.58	Ü	2.0	0.58	1.000				08/11/15 23:55	1
Silver	0.38	J	1.0	0.10					08/11/15 23:55	1
Thallium	0.38		0.20	0.10	70 1,000				08/11/15 23:55	-1
Vanadium	42		1.0	0.30	77	Section 187			08/11/15 23:55	1
Zinc	130	7	20		ug/L				08/11/15 23:55	1
		and the same	1. T.						and the second second second second second	
Molybdenum Method: 200.8 - Metals (ICP/MS) -			1.0	0.45				08/11/15 13:06		
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte	Dissolv Result	Qualifier	RL	MDL	Unit		D	Prepared	Analyzed	
Molybdenum Method: 200.8 - Metals (ICP/MS) -	Dissolv Result	Qualifier U	RL 1.0				<u>D</u>	Prepared 08/11/15 12:52	Analyzed 08/11/15 22:36	Dil Fac
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte	Dissolv Result 0.40 0.39	Qualifier U	RL 1.0 1.0	MDL 0.40 0.37	Unit ug/L ug/L		D	Prepared 08/11/15 12:52	Analyzed	Dil Fac
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved	Dissolv Result	Qualifier U	RL 1.0	MDL 0.40 0.37 0.14	Unit ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved	Dissolv Result 0.40 0.39	Qualifier U J	RL 1.0 1.0	MDL 0.40 0.37 0.14 0.15	Unit ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043	Qualifier U J U	RL 1.0 1.0 2.0	MDL 0.40 0.37 0.14	Unit ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved	Dissolv Result 0.40 0.39 70 0.15	Qualifier U J U	RL 1.0 1.0 2.0 0.40	MDL 0.40 0.37 0.14 0.15 0.043	Unit ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043	Qualifier U U U U U	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40	MDL 0.40 0.37 0.14 0.15 0.043	Unit ug/L ug/L ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043 1.0	Qualifier U U U U U	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40 1.0	MDL 0.40 0.37 0.14 0.15 0.043	Unit ug/L ug/L ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1 1
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043 1.0 0.20	Qualifier U U U U U	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40	MDL 0.40 0.37 0.14 0.15 0.043 1.0 0.12 0.50	Unit ug/L ug/L ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1 1 1 1 1 1
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043 1.0 0.20 1.8	Qualifier U U U U U	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40 1.0	MDL 0.40 0.37 0.14 0.15 0.043 1.0 0.12 0.50 0.060	Unit ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1 1 1 1 1
Molybdenum Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043 1.0 0.20 1.8 0.36	Qualifier U U U U U	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40 1.0 0.30	MDL 0.40 0.37 0.14 0.15 0.043 1.0 0.12 0.50 0.060	Unit ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043 1.0 0.20 1.8 0.36 6.1	Qualifier U J U U U J	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5	MDL 0.40 0.37 0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2	Unit ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved Molybdenum, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043 1.0 0.20 1.8 0.36 6.1 1.5	Qualifier U J U U J	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5 1.0	MDL 0.40 0.37 0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2	Unit ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L			Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved Molybdenum, Dissolved Nickel, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043 1.0 0.20 1.8 0.36 6.1 1.5	Qualifier U J U U J J	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5 1.0	MDL 0.40 0.37 0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2 0.45	Unit ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		D	Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved Molybdenum, Dissolved Nickel, Dissolved Selenium, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043 1.0 0.20 1.8 0.36 6.1 1.5 1.7	Qualifier U J U U J J J	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5 1.0 1.0 2.0	MDL 0.40 0.37 0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2 0.45 0.40 0.58 0.10	Unit ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L			Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1
Method: 200.8 - Metals (ICP/MS) - Analyte Antimony, Dissolved Arsenic, Dissolved Barium, Dissolved Beryllium, Dissolved Cadmium, Dissolved Chromium, Dissolved Chromium, Dissolved Cobalt, Dissolved Copper, Dissolved Lead, Dissolved Manganese, Dissolved Molybdenum, Dissolved Nickel, Dissolved Selenium, Dissolved Silver, Dissolved	Dissolv Result 0.40 0.39 70 0.15 0.043 1.0 0.20 1.8 0.36 6.1 1.5 1.1 0.70 0.10	Qualifier U J U U J J J	RL 1.0 1.0 2.0 0.40 0.10 2.0 0.40 1.0 0.30 2.5 1.0 1.0 2.0	MDL 0.40 0.37 0.14 0.15 0.043 1.0 0.12 0.50 0.060 1.2 0.45 0.40 0.58 0.10	Unit ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L			Prepared 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52 08/11/15 12:52	Analyzed 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36 08/11/15 22:36	Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJLP-080915-11

Date Collected: 08/09/15 09:54 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-9

Matrix: Water

Method: 200.8 - Metals (ICP/MS)		Service Control	And the second second				
Analyte	Result Qualifier	RL	MDL	Unit	D Prepared	Analyzed	Dil Fac
Antimony	0.40 UF1 UV	1.0	0.40	ug/L	 08/11/15 13:33	08/12/15 02:34	1
Arsenic	6.3	1.0	0.37	ug/L	08/11/15 13:33	08/12/15 02:34	1
Barium	520	2.0	0.14	ug/L	08/11/15 13:33	08/12/15 02:34	1
Beryllium	1.8	0.40	0.15	ug/L	08/11/15 13:33	08/12/15 02:34	1
Cadmium	0.19	0.10	0.043	ug/L	08/11/15 13:33	08/12/15 02:34	1
Chromium	16	2.0	1.0	ug/L	08/11/15 13:33	08/12/15 02:34	- 1
Cobalt	13	0.40	0.12	ug/L	08/11/15 13:33	08/12/15 02:34	1
Copper	33	1.0	0.50	ug/L	08/11/15 13:33	08/12/15 02:34	1
Lead	48	0.30	0.060	ug/L	08/11/15 13:33	08/12/15 02:34	. 1
Manganese	830	2.5	1.2	ug/L	08/11/15 13:33	08/12/15 02:34	1
Nickel	17	1.0	0.40	ug/L	08/11/15 13:33	08/12/15 02:34	1
Selenium	10-15-200	2.0	0.58	ug/L	08/11/15 13:33	08/12/15 02:34	: াৰ্
Silver	0.30 J	1.0	0.10	ug/L	08/11/15 13:33	08/12/15 02:34	. 1
Thallium	0.28	0.20	0.10	ug/L	08/11/15 13:33	08/12/15 02:34	1
Vanadium	34	1.0	0.30	ug/L	08/11/15 13:33	08/12/15 02:34	1
Zinc	110 F1 丁一	20	2.8	ug/L	08/11/15 13:33	08/12/15 02:34	1
Molybdenum	1.3	1.0	0.45		08/11/15 13:33	08/12/15 02:34	া

Method: 200.8 - Metals (ICP/	MS) - Dissolve	∍d							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L	and the same of th	08/11/15 12:52	08/11/15 22:40	1
Arsenic, Dissolved	0.42	J	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:40	. 1
Barium, Dissolved	72		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:40	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:40	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:40	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:40	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:40	1
Copper, Dissolved	1.7		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:40	- 1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:40	. 1
Manganese, Dissolved	5.1		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:40	1
Molybdenum, Dissolved	1.4		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:40	1
Nickel, Dissolved	1.2		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:40	1
Selenium, Dissolved	0.87	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:40	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:40	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:40	1
Vanadium, Dissolved	0.84	J	1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:40	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:40	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: MECT-080915-11

Date Collected: 08/09/15 14:05 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-10

Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result Qual	ifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40 U	U 0 1.0	0.40	ug/L	section reports. Interests,	08/11/15 13:33	08/12/15 02:59	1
Arsenic	4.1	1.0	0.37	ug/L		08/11/15 13:33	08/12/15 02:59	1
Barium	180	2.0	0.14	ug/L		08/11/15 13:33	08/12/15 02:59	1
Beryllium	0.53	0.40	0.15	ug/L		08/11/15 13:33	08/12/15 02:59	1
Cadmium	0.13	0.10	0.043	ug/L		08/11/15 13:33	08/12/15 02:59	1
Chromium	5.9	2.0	1.0	ug/L		08/11/15 13:33	08/12/15 02:59	1
Cobalt	3.6	0.40	0.12	ug/L		08/11/15 13:33	08/12/15 02:59	1
Copper	9.6	1.0	0.50	ug/L		08/11/15 13:33	08/12/15 02:59	1
Lead	7.9	0.30	0.060	ug/L		08/11/15 13:33	08/12/15 02:59	. 1
Manganese	360	2.5	1.2	ug/L		08/11/15 13:33	08/12/15 02:59	1
Nickel	9.8	1.0	0.40	ug/L		08/11/15 13:33	08/12/15 02:59	1
Selenium	2.0 8 L	√ 2.0	0.58	ug/L		08/11/15 13:33	08/12/15 02:59	1
Silver	0.10 Ü	1.0	0.10	ug/L		08/11/15 13:33	08/12/15 02:59	1
Thallium	0.16 J	0.20	0.10	ug/L		08/11/15 13:33	08/12/15 02:59	-1
Vanadium	17	1.0	0.30	ug/L		08/11/15 13:33	08/12/15 02:59	1
Zinc	29 ブ	20	2.8	ug/L		08/11/15 13:33	08/12/15 02:59	1
Molybdenum	3.1	1.0	0.45	ug/L		08/11/15 13:33	08/12/15 02:59	. 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L	d. Seed	08/11/15 12:52	08/11/15 22:44	1
Arsenic, Dissolved	1.3		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:44	. 1
Barium, Dissolved	85		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:44	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:44	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:44	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:44	1
Cobalt, Dissolved	0.50		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:44	. 1
Copper, Dissolved	2.6		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:44	. 1
Lead, Dissolved	0.072	J	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:44	
Manganese, Dissolved	4.2		2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:44	. 1
Molybdenum, Dissolved	3.0		1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:44	
Nickel, Dissolved	3.4		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:44	1
Selenium, Dissolved	1.3	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:44	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:44	. 1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:44	- 1
Vanadium, Dissolved	2.5		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:44	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:44	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJME-080915-11

Date Collected: 08/09/15 16:35 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-11

Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	0 49	1.0	0.40	ug/L	California andre	08/11/15 13:33	08/12/15 03:12	1
Arsenic	11		1.0	0.37	ug/L		08/11/15 13:33	08/12/15 03:12	1
Barium	860		2.0	0.14	ug/L		08/11/15 13:33	08/12/15 03:12	1
Beryllium	3.7		0.40	0.15	ug/L		08/11/15 13:33	08/12/15 03:12	1
Cadmium	0.34		0.10	0.043	ug/L		08/11/15 13:33	08/12/15 03:12	1
Chromium	28		2.0	1.0	ug/L		08/11/15 13:33	08/12/15 03:12	1
Cobalt	23		0.40	0.12	ug/L		08/11/15 13:33	08/12/15 03:12	1
Copper	54		1.0	0.50	ug/L		08/11/15 13:33	08/12/15 03:12	1
Lead	46		0.30	0.060	ug/L		08/11/15 13:33	08/12/15 03:12	. 1
Manganese	1200		2.5	1.2	ug/L		08/11/15 13:33	08/12/15 03:12	. 1
Nickel	36		1.0	0.40	ug/L		08/11/15 13:33	08/12/15 03:12	1
Selenium	14	JB 2,001	2.0	0.58	ug/L		08/11/15 13:33	08/12/15 03:12	1
Silver	0.26		1.0	0.10	ug/L		08/11/15 13:33	08/12/15 03:12	1
Thallium	0.71		0.20	0.10	ug/L		08/11/15 13:33	08/12/15 03:12	1
Vanadium	70		1.0	0.30	ug/L		08/11/15 13:33	08/12/15 03:12	1
Zinc	160	J -	20	2.8	ug/L		08/11/15 13:33	08/12/15 03:12	1
Molybdenum	1.7		1,0		ug/L		08/11/15 13:33	08/12/15 03:12	1

Method: 200.8 - Metals (ICP Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L	managements. June	08/11/15 12:52	08/11/15 22:49	1
Arsenic, Dissolved	1.1		1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:49	1
Barium, Dissolved	97		2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:49	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:49	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:49	1
Chromium, Dissolved	2.5		2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:49	1
Cobalt, Dissolved	0.87		0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:49	1
Copper, Dissolved	3.9		1.0	0.50	ug/L		08/11/15 12:52	08/11/15 22:49	1
Lead, Dissolved	1.5	200	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:49	. 1.
Manganese, Dissolved	34	[44 <u>]</u> 1	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:49	- 1
Molybdenum, Dissolved	2.1	J	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:49	1
Nickel, Dissolved	2.2		1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:49	1
Selenium, Dissolved	0.98	J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:49	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:49	1.
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:49	1
Vanadium, Dissolved	5.9		1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:49	1
Zinc, Dissolved	7.1	J	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:49	1

TestAmerica Savannah

Client: Weston Solutions, Inc.

Project/Site: Gold King Mine - Region 9

TestAmerica Job ID: 680-115432-2

Client Sample ID: SJME-080915-12

Date Collected: 08/09/15 16:35 Date Received: 08/11/15 09:39 Lab Sample ID: 680-115432-12

Matrix: Water

Method: 200.8 - Metals (ICP/MS) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	u UT -	1.0	0.40	ug/L		08/11/15 13:33		1
Arsenic	10		1.0	0.37	ug/L		08/11/15 13:33	08/12/15 03:16	1
Barium	880		2.0	0.14	ug/L		08/11/15 13:33	08/12/15 03:16	1
Beryllium	3.7		0.40	0.15	ug/L		08/11/15 13:33	08/12/15 03:16	1
Cadmium	0.33		0.10	0.043	ug/L		08/11/15 13:33	08/12/15 03:16	1
Chromium	28		2.0	1.0	ug/L		08/11/15 13:33	08/12/15 03:16	1
Cobalt	24		0.40	0.12	ug/L		08/11/15 13:33	08/12/15 03:16	1
Copper	55		1.0	0.50	ug/L		08/11/15 13:33	08/12/15 03:16	1
Lead	46		0.30	0.060	ug/L	1	08/11/15 13:33	08/12/15 03:16	- 1
Manganese	1300		2.5	1.2	ug/L		08/11/15 13:33	08/12/15 03:16	1
Nickel	37		1.0	0.40	ug/L		08/11/15 13:33	08/12/15 03:16	1
Selenium	0.63	JB 2.06	2.0	0.58	ug/L		08/11/15 13:33	08/12/15 03:16	1
Silver	0.27	J	1.0	0.10	ug/L		08/11/15 13:33	08/12/15 03:16	1
Thallium	0.68		0.20	0.10	ug/L		08/11/15 13:33	08/12/15 03:16	1
Vanadium	66		1.0	0.30	ug/L		08/11/15 13:33	08/12/15 03:16	1
Zinc	160	7-	20	2.8	ug/L		08/11/15 13:33	08/12/15 03:16	1
Molybdenum	1.4		1.0		ug/L		08/11/15 13:33	08/12/15 03:16	1

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40 U	1.0	0.40	ug/L	mandadadama Madan	08/11/15 12:52	08/11/15 22:53	1
Arsenic, Dissolved	1.0	1.0	0.37	ug/L		08/11/15 12:52	08/11/15 22:53	1
Barium, Dissolved	120	2.0	0.14	ug/L		08/11/15 12:52	08/11/15 22:53	1
Beryllium, Dissolved	0.26 J	0.40	0.15	ug/L		08/11/15 12:52	08/11/15 22:53	- 1
Cadmium, Dissolved	0.043 U	0.10	0.043	ug/L		08/11/15 12:52	08/11/15 22:53	1
Chromium, Dissolved	5.0	2.0	1.0	ug/L		08/11/15 12:52	08/11/15 22:53	- 1
Cobalt, Dissolved	(1.6)	0.40	0.12	ug/L		08/11/15 12:52	08/11/15 22:53	- 1
Copper, Dissolved	5.1	1.0	0.50	ug/L	14. To 1	08/11/15 12:52	08/11/15 22:53	1
Lead, Dissolved	2.9	0.30	0.060	ug/L		08/11/15 12:52	08/11/15 22:53	1
Manganese, Dissolved	67	2.5	1.2	ug/L		08/11/15 12:52	08/11/15 22:53	1
Molybdenum, Dissolved	2.0 丁	1.0	0.45	ug/L		08/11/15 12:52	08/11/15 22:53	1
Nickel, Dissolved	3.2	1.0	0.40	ug/L		08/11/15 12:52	08/11/15 22:53	1
Selenium, Dissolved	0.84 J	2.0	0.58	ug/L		08/11/15 12:52	08/11/15 22:53	1
Silver, Dissolved	0.10 U	1.0	0.10	ug/L		08/11/15 12:52	08/11/15 22:53	1
Thallium, Dissolved	0.10 U	0.20	0.10	ug/L		08/11/15 12:52	08/11/15 22:53	1
Vanadium, Dissolved	9.6	1.0	0.30	ug/L		08/11/15 12:52	08/11/15 22:53	1
Zinc, Dissolved	12 J	20	2.8	ug/L		08/11/15 12:52	08/11/15 22:53	1

TestAmerica Savannah